



## SEQUENCE LISTING

<110> Fogh, Jens  
Gellerfors, Pär

<120> PRODUCTION OF rhPBGD AND NEW THERAPEUTIC  
METHODS FOR TREATING PATIENTS WITH ACUTE INTERMITTENT  
PORPHYRIA (AIP) AND OTHER PORPHYRIC DISEASES

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<140> US 10/048,234

<141> 2003-09-11

<150> PA 1999 01071

<151> 1999-07-27

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<212> DNA

<213> Homo Sapiens

<400> 7

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&lt;210&gt; 8

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 8

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&lt;210&gt; 9

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 9

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&lt;210&gt; 10

&lt;211&gt; 1034

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 10

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&lt;210&gt; 11

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 11

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&lt;210&gt; 12

&lt;211&gt; 3986

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 12

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&lt;210&gt; 13

&lt;211&gt; 1260

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 13

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&lt;210&gt; 14

&lt;211&gt; 32

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 14

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&lt;210&gt; 15

&lt;211&gt; 32

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 15

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&lt;210&gt; 22

&lt;211&gt; 330

&lt;212&gt; PRT

&lt;213&gt; Homo Sapiens

&lt;400&gt; 22

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Tyr Pro Ile Phe Val Thr Asp Val Pro Asp Asp Ile Gln Pro Ile Thr
          35          40          45
Ser Leu Pro Gly Val Ala Arg Tyr Gly Val Lys Arg Leu Glu Glu Met
          50          55          60
Leu Arg Pro Leu Val Glu Glu Gly Leu Arg Cys Val Leu Ile Phe Gly
65          70          75          80
Val Pro Ser Arg Val Pro Lys Asp Glu Arg Gly Ser Ala Ala Asp Ser
          85          90          95
Glu Glu Ser Pro Ala Ile Glu Ala Ile His Leu Leu Arg Lys Thr Phe
          100          105          110
Pro Asn Leu Leu Val Ala Cys Asp Val Cys Leu Cys Pro Tyr Thr Ser
          115          120          125
His Gly His Cys Gly Leu Leu Ser Glu Asn Gly Ala Phe Arg Ala Glu
          130          135          140
Glu Ser Arg Gln Arg Leu Ala Glu Val Ala Leu Ala Tyr Ala Lys Ala
145          150          155          160
Gly Cys Gln Val Val Ala Pro Ser Asp Met Met Asp Gly Arg Val Glu
          165          170          175
Ala Ile Lys Glu Ala Leu Met Ala His Gly Leu Gly Asn Arg Val Ser
          180          185          190
Val Met Ser Tyr Ser Ala Lys Phe Ala Ser Cys Phe Tyr Gly Pro Phe
          195          200          205
Arg Asp Ala Ala Lys Ser Ser Pro Ala Phe Gly Asp Arg Arg Cys Tyr
          210          215          220
Gln Leu Pro Pro Gly Ala Arg Gly Leu Ala Leu Arg Ala Val Asp Arg
225          230          235          240
Asp Val Arg Glu Gly Ala Asp Met Leu Met Val Lys Pro Gly Met Pro
          245          250          255
Tyr Leu Asp Ile Val Arg Glu Val Lys Asp Lys His Pro Asp Leu Pro
          260          265          270
Leu Ala Val Tyr His Val Ser Gly Glu Phe Ala Met Leu Trp His Gly
          275          280          285
Ala Gln Ala Gly Ala Phe Asp Leu Lys Ala Ala Val Leu Glu Ala Met
          290          295          300
Thr Ala Phe Arg Arg Ala Gly Ala Asp Ile Ile Ile Thr Tyr Tyr Thr
305          310          315          320
Pro Gln Leu Leu Gln Trp Leu Lys Glu Glu
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